

PowerCut™ 700

Plasmarc Cutting Package

- Manually cuts 16 mm.
- Severs 20 mm – powerful cutting performance.
- Value priced – plasma cutting performance on a budget.
- Compact lightweight design – easily taken to the job site.
- Tool-less quick disconnect torch – Disconnects from the machine without the use of wrenches or special tools. Now you can easily disconnect your PT-39 for repairs or replacement, or to attach a PT-37 mechanized torch for mechanized applications.
- Blowback technology – eliminates high-frequency start-ups that can disrupt CNC controls and nearby computer systems.
- Dynamic arc control – control the pilot arc when you need to cut grate or mesh material without nuisance arc outage.
- Generator friendly – compatible to work with generators when power is not accessible in the field.
- Ergonomic torch design – PT-39 is a lightweight, ergonomic handle which provides maximum comfort when tackling those tough jobs.
- Compact torch design – PT-39 has a short front end which allows maximum arc visibility and gives access to those hard to reach places.
- Voltage booster – useful when finishing off thick material in ease. Also ideal for the inexperienced operator to cut in confidence.
- Drag cutting capable – great for template cutting, straight edge cutting and first time users.
- Arrives fully assembled – ready to go out of the box.



Description

The PowerCut™ plasma cutting package will take whatever you throw at it – and ask for more. Designed with ESAB Plasmarc technology, PowerCut machines are more powerful and durable than any other machine in their class. They also make plasma cutting easier and more economical – delivering reliability, high production, and a wide variety of performance features.

With design features that simplify operations, reduce set-up time and enhance consumable life, PowerCut packages let you spend less time troubleshooting and more time cutting. And with the additions of the 400 and 700 to the PowerCut Series the most rugged machines in the industry are more versatile and accessible than ever.

Applications

- Maintenance & Repair
- Light fabrication
- Shipbuilding
- Transport
- Energy



Technical data PowerCut™ 700

Mains voltage, V/Ph Hz	400/3, 50/60
Permitted load at 25% duty cycle, A	50
Setting range, A	30-50
Open circuit voltage, V	320
Power factor at maximum current	0.88
Dimensions LxWxH, mm	558x210x380
Weight, kg	21
Operating temperature, °C	-10 - +40
Enclosure class	IP23
Application classification	S
Air supply needed, bar	5.5
Standards	ANSI/IEC 60974-1:2008 CAN/CSA-E60974-1-00

Ordering information

PowerCut™ 700 , 400V, 3 ph CE 7.6 m PT-39	0700 210 881
PT-39 Replacement torch 7.6 m *)	0558 011 580

*) *Wear parts to be ordered separately.*

Delivery contents:

Power source, 7.6 m cutting torch, torch wear parts kit, air/filter regulator, 3 m power cord, work cable with clamp. The system arrives fully assembled and ready to cut.

Accessories

50 A Wear parts kit, PT-39	0558 010 585
Plasma flow measuring kit	0558 000 739
Stand-off Guide	0558 010 581

Mechanization Kits

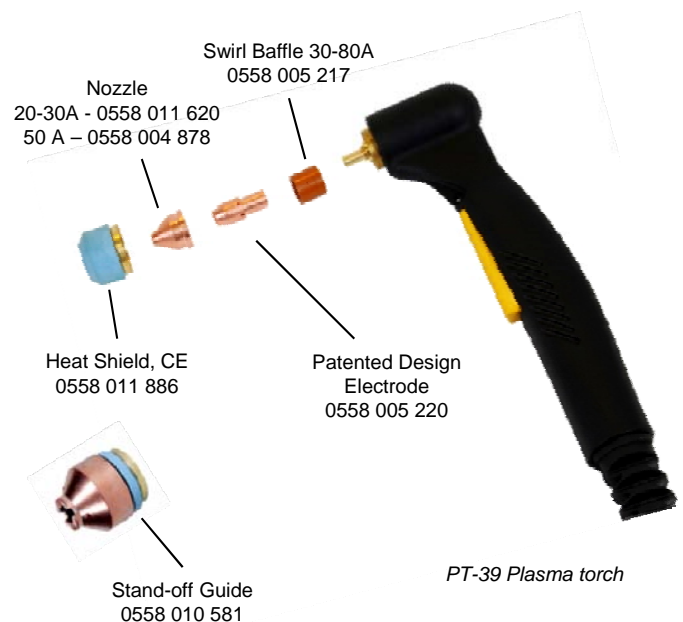
Plug n Play mechanized Kit	0700 210 200
Remote hand switch, 7.6 m	0558 008 349
PT-37 Torch w/ rack, 7.6 m	0558 004 862
PT-37 Torch w/o rack, 5.2 m	0558 004 895

Wear Parts Kit 50A

558 010 585

including:

Qty	Description	Part No.
3	Electrode	0558 005 220
1	Swirl Baffle 30-80A	0558 005 217
4	Nozzle 50A	0558 004 878
1	Heat Shield, CE	0558 011 886
1	O-Ring	0558 101 101
1	Lubricant	0558 000 443
1	Stand-off Guide	0558 010 581



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